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Consultants and Engineers
(Building, Geo-Tech & Road Materials Testing Laboratory)

#B9-003, GANGA,Jnanabharathi Enclave,
Valagerahalli, Mysore Road,Bangalore.
Ph: 9448853634, 8762194386
Email: sapiencebangalore@gmail.com

Job No.: SCE/BBMP/RL/17/2021-2022

Date: 24.04.2021

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division,BBMP, Bangalore.

Agency : **Sri. R Lokesh,** Contractor, Bangalore.

Name of the work : Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{15}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.04.2021	24.04.2021	8.121	250.7	11.14
2	17.04.2021	24.04.2021	8.159	261.4	11.62
3	17.04.2021	24.04.2021	8.064	273.1	12.14

Note:

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ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಶವಂತಪುರ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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Email: sapiencebangalore@gmail.com

Job No.: SCE/BBMP/RL/17/2021-2022

Date: 15.05.2021

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division,BBMP, Bangalore.

Agency : **Sri. R Lokesh,** Contractor, Bangalore.

Name of the work : Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{15}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.04.2021	15.05.2021	8.153	368.4	16.37
2	17.04.2021	15.05.2021	8.174	380.2	16.90
3	17.04.2021	15.05.2021	8.139	391.3	17.39

Note:

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Job No.: SCE/BBMP/RL/17/2021-2022

Date: 24.04.2021

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division,BBMP, Bangalore.

Agency : **Sri. R Lokesh,** Contractor, Bangalore.

Name of the work : Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{15}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.04.2021	24.04.2021	8.111	273.5	12.16
2	17.04.2021	24.04.2021	8.075	251.8	11.19
3	17.04.2021	24.04.2021	8.184	264.3	11.75

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Job No.: SCE/BBMP/RL/17/2021-2022

Date: 15.05.2021

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division,BBMP, Bangalore.

Agency : **Sri. R Lokesh,** Contractor, Bangalore.

Name of the work : Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{15}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.04.2021	15.05.2021	8.150	360.5	16.02
2	17.04.2021	15.05.2021	8.182	381.4	16.95
3	17.04.2021	15.05.2021	8.135	390.1	17.34

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Job No.: SCE/BBMP/RL/17/2021-2022

15.04.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division,BBMP, Bangalore.

Contractor : **Sri. R Lokesh,** Contractor, Bangalore.

Name of the work Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.04.2021	15.04.2021	8.052	336.8	14.97
2	08.04.2021	15.04.2021	8.003	345.9	15.37
3	08.04.2021	15.04.2021	8.174	351.7	15.63

Note:

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Email: sapienceblr@gmail.com

Job No.: SCE/BBMP/RL/17/2021-2022

06.05.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Executive Engineer,** RR Nagar Division,BBMP, Bangalore.
Contractor	: **Sri. R Lokesh,** Contractor, Bangalore.
Name of the work	Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.04.2021	06.05.2021	8.164	485.6	21.58
2	08.04.2021	06.05.2021	8.197	496.3	22.06
3	08.04.2021	06.05.2021	8.021	502.7	22.34

Note:

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Job No.: SCE/BBMP/RL/17/2021-2022

15.04.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division,BBMP, Bangalore.

Contractor : **Sri. R Lokesh,** Contractor, Bangalore.

Name of the work Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.04.2021	15.04.2021	8.006	338.2	15.03
2	08.04.2021	15.04.2021	8.134	346.9	15.42
3	08.04.2021	15.04.2021	8.025	351.7	15.63

Note:

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Job No.: SCE/BBMP/RL/17/2021-2022

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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Executive Engineer,** RR Nagar Division,BBMP, Bangalore.
Contractor	: **Sri. R Lokesh,** Contractor, Bangalore.
Name of the work	Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.04.2021	06.05.2021	8.174	502.3	22.32
2	08.04.2021	06.05.2021	8.151	526.9	23.42
3	08.04.2021	06.05.2021	8.163	532.1	23.65

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Job No.: SCE/BBMP/RL/17/2021-2022

15.04.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division,BBMP, Bangalore.

Contractor : **Sri. R Lokesh,** Contractor, Bangalore.

Name of the work Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no 17 under PACKAGE-2019-20 RRN-DIV-(09)

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.04.2021	15.04.2021	8.062	346.1	15.38
2	08.04.2021	15.04.2021	8.134	353.8	15.72
3	08.04.2021	15.04.2021	8.192	360.0	16.00

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Email: sapienceblangalore@gmail.com

Job No.: SCE/BBMP/RL/17/2021-2022

06.05.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division,BBMP, Bangalore.

Contractor : **Sri. R Lokesh,** Contractor, Bangalore.

Name of the work : Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

SLNo.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.04.2021	06.05.2021	8.006	509.2	22.63
2	08.04.2021	06.05.2021	8.134	523.4	23.26
3	08.04.2021	06.05.2021	8.097	540.0	24.00

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Job No.: SCE/BBMP/RL/17/2021-2022

15.04.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division,BBMP, Bangalore.

Contractor : **Sri. R Lokesh,** Contractor, Bangalore.

Name of the work : Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.04.2021	15.04.2021	8.174	340.0	15.11
2	08.04.2021	15.04.2021	8.169	356.9	15.86
3	08.04.2021	15.04.2021	8.003	363.1	16.14

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Job No.: SCE/BBMP/RL/17/2021-2022

06.05.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division,BBMP, Bangalore.

Contractor : **Sri. R Lokesh,** Contractor, Bangalore.

Name of the work Compreshensive development of roads and drains in Muthyalanagara, I.C-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.04.2021	06.05.2021	8.002	509.8	22.66
2	08.04.2021	06.05.2021	8.136	517.8	23.01
3	08.04.2021	06.05.2021	8.174	526.3	23.39

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Email: sapiencebangalore@gmail.com

Job No.: SCE/BBMP/RL/17/2021-2022

15.04.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division,BBMP, Bangalore.

Contractor : **Sri. R Lokesh,** Contractor, Bangalore.

Name of the work Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.04.2021	15.04.2021	8.102	332.1	14.76
2	08.04.2021	15.04.2021	8.154	345.6	15.36
3	08.04.2021	15.04.2021	8.036	358.2	15.92

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples Collected at Site.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಶವಂತಪುರ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

For SAPIENCE CONSULTANTS

Authorised Signatory

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Email: sapiencebangalore@gmail.com

Job No.: SCE/BBMP/RL/17/2021-2022

06.05.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division,BBMP, Bangalore.

Contractor : **Sri. R Lokesh,** Contractor, Bangalore.

Name of the work Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.04.2021	06.05.2021	8.109	502.3	22.32
2	08.04.2021	06.05.2021	8.127	526.9	23.42
3	08.04.2021	06.05.2021	8.033	534.8	23.77

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Job No.: SCE/BBMP/RL/17/2021-2022

17.04.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division,BBMP, Bangalore.

Contractor : **Sri. R Lokesh,** Contractor, Bangalore.

Name of the work : Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.04.2021	17.04.2021	8.021	345.6	15.36
2	10.04.2021	17.04.2021	8.167	358.9	15.95
3	10.04.2021	17.04.2021	8.139	362.4	16.11

Note:

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